



MAGNETIC STRIPE TIMING TRACK USED TO
ELIMINATE OPTICAL ENCODER

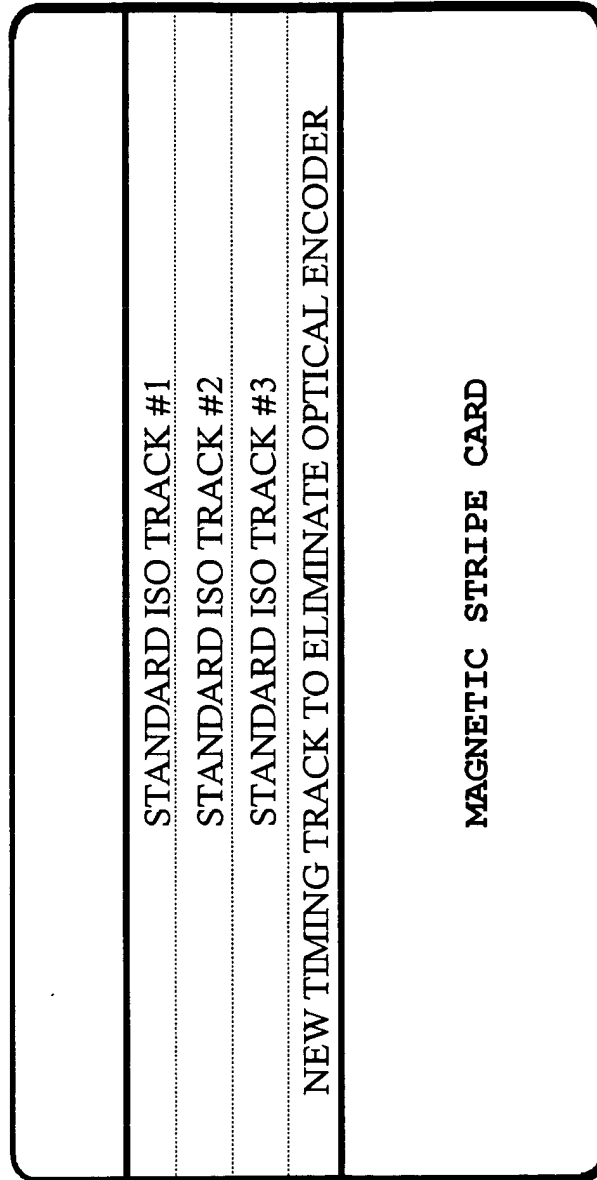


FIG. 1.



↑ 0.223" ↓		RECORDING DENSITY (bits per inch)	CHARACTER CONFIGURATION (including parity bit)	INFORMATION CONTENT (including control characters)
0.110"	TRACK 1	IATA	210 BPI	7 BITS PER CHARACTER 79 ALPHANUMERIC CHARACTERS
0.110"	TRACK 2	ABA	75 BPI	5 BITS PER CHARACTER 40 NUMERIC CHARACTERS
0.110"	TRACK 3	THRIFT	210 BPI	5 BITS PER CHARACTER 107 NUMERIC CHARACTERS

FIG. 2.

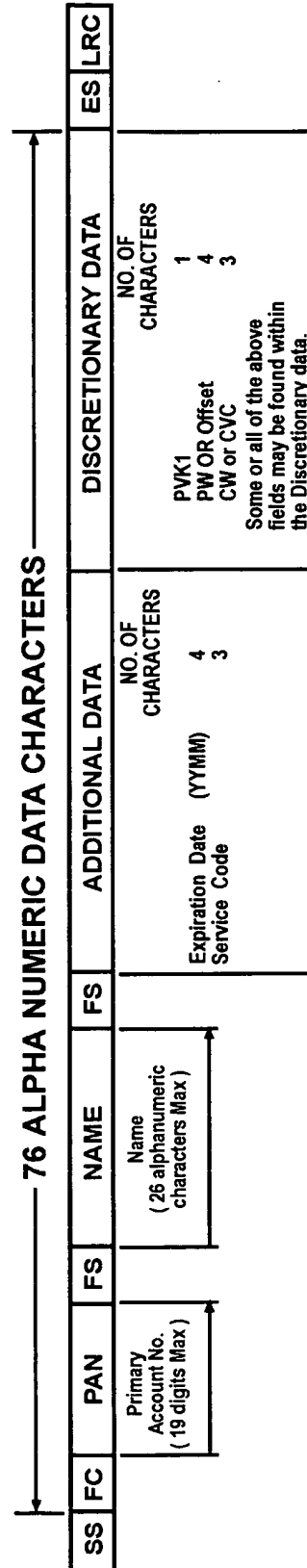


FIG. 3.



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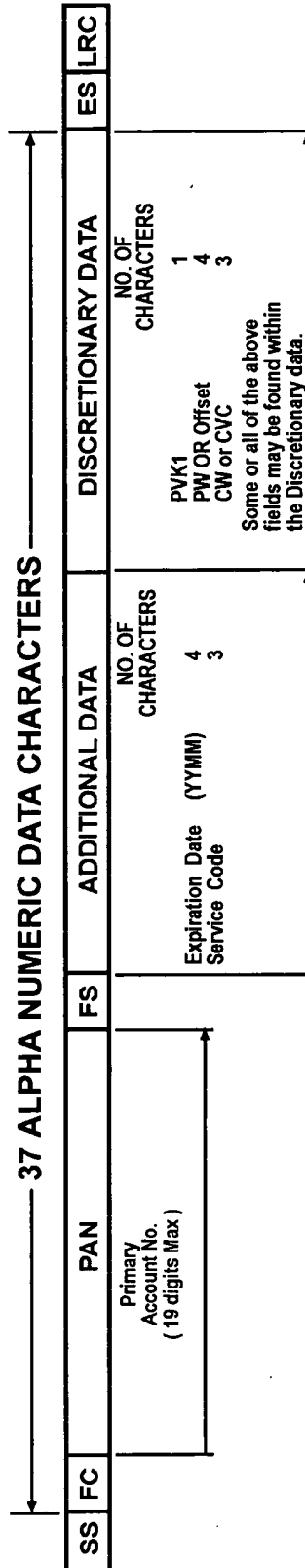


FIG. 4.

104 ALPHA NUMERIC DATA CHARACTERS				
SS	FC	PAN	FS	USE AND SECURITY DATA
Primary Account No. (19 digits Max)				
NO. OF CHARACTERS				NO. OF CHARACTERS
				Country Code (opt.) 3
				Currency Code 3
				Currency Exponent 1
				Amount Authorized per Cycle 4
				Amount Remaining this Cycle 4
				Cycle Begin (Validity Datae) 4
				Cycle Length 2
				Retry Count 1
				PIN Control Parameters 6
				Interchange Control 1
				PAN Service Restriction 2
				SAN-1 Service Restriction 2
				SAN-2 Service Restriction 2
				Expiration Date (opt.) 4
				Card Sequence Number 1
				Card Security Number (opt.) 9
ADDITIONAL DATA				NO. OF CHARACTERS
First Subsidiary Account Number (opt.)				1
Secondary Subsidiary Account Number (opt.)				6
Relay Marker				
Cryptographic Check Digits (opt.)				
Discretionary Data				

FIG. 5.

FIG. 6.

